


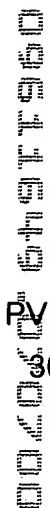
FIG. 1

```
graph TD; A([Begin]) --> B[200 Segment Frames Of A Panoramic Video Into Plural Corresponding Regions.]; B --> C[202 Separately Encode Each Region Of The Panoramic Video Frames]; C --> D[204 Compress Each Segment Of The Panoramic Video Frames]; D -.-> E([End]);
```

The flowchart illustrates the process of video processing. It begins with a 'Begin' terminal, leading to step 200: 'Segment Frames Of A Panoramic Video Into Plural Corresponding Regions.'. This is followed by step 202: 'Separately Encode Each Region Of The Panoramic Video Frames'. Step 204: 'Compress Each Segment Of The Panoramic Video Frames' is shown within a dashed-line box, indicating it is part of a specific processing stage. The process concludes at an 'End' terminal.



End



PV1



**FIG. 3B**

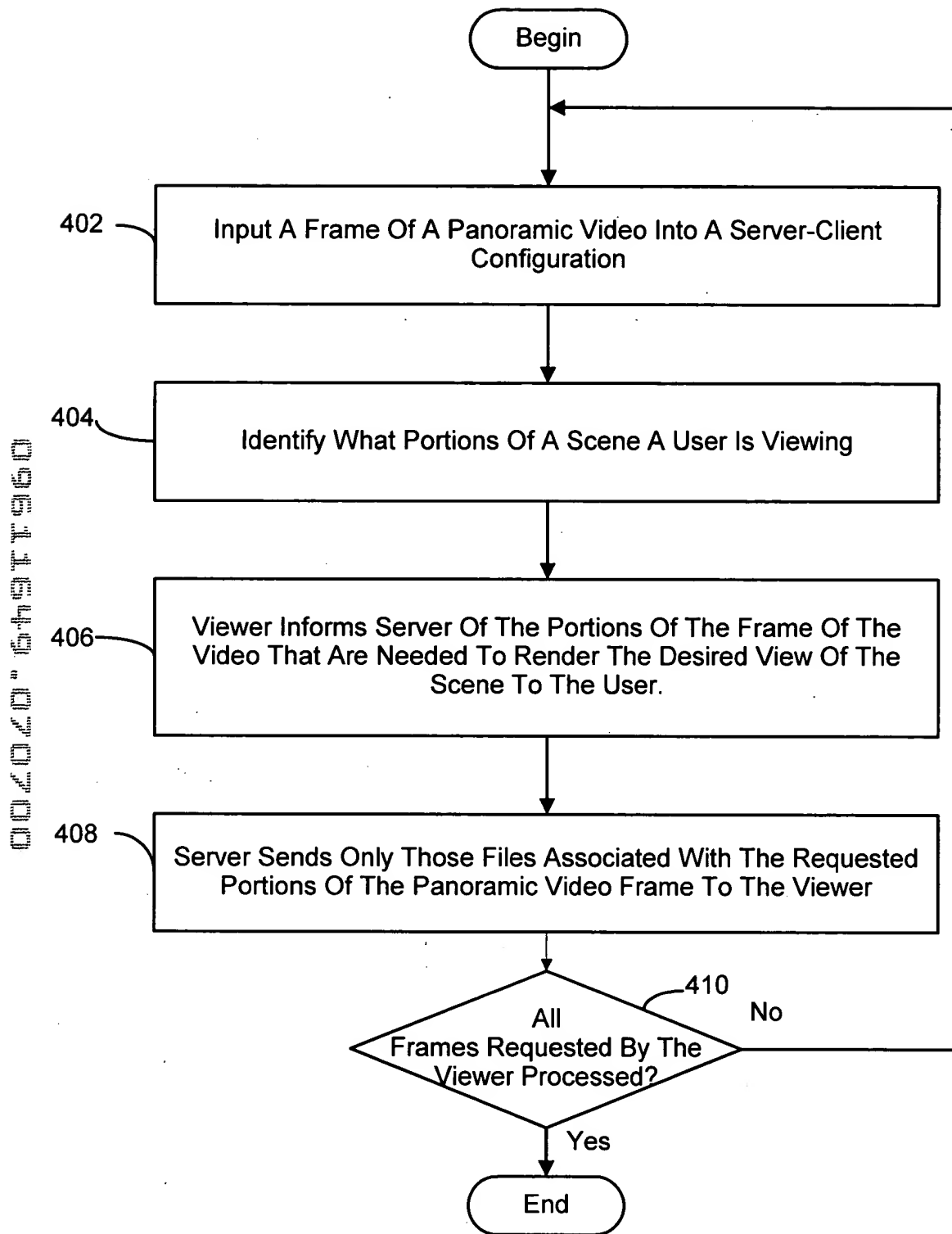


FIG. 4

```
graph TD; Begin([Begin]) --> 502[Server Transfers Initialization File Followed By All The Segments Of The Panoramic Video Frames To A Viewer]; 502 --> 504[Viewer Determines Which Portion Of The Scene That The User Viewing The Video Wants To See.]; 504 --> 506[Viewer Uses Identifiers From Initialization File To Selectively Extract Those Segments Of Each Frame In Incoming Data Stream That Are Needed To Render Desired View.]; 506 --> 508[Only The Extracted Segments Are Decoded And Decompressed By The Viewer.]; 508 --> End([End]);
```

Flowchart 500 illustrating a selective video rendering process:

- Begin
- Server Transfers Initialization File Followed By All The Segments Of The Panoramic Video Frames To A Viewer (502)
- Viewer Determines Which Portion Of The Scene That The User Viewing The Video Wants To See. (504)
- Viewer Uses Identifiers From Initialization File To Selectively Extract Those Segments Of Each Frame In Incoming Data Stream That Are Needed To Render Desired View. (506)
- Only The Extracted Segments Are Decoded And Decompressed By The Viewer. (508)
- End

**FIG. 5**

```
graph TD; Begin([Begin]) --> 602[Viewer Reads Initialization File From Storage Medium]; 602 --> 604[Viewer Determines Which Portion Of The Scene The User Viewing The Video Wants To See.]; 604 --> 606[Viewer Uses Identifiers From Initialization File To Selectively Read And Process Only Those Segments That Are Needed To Render Desired View.]; 606 --> 608{All Frames In Panoramic Video Processed?}; 608 -- Yes --> End([End]); 608 -- No --> 604;
```

The flowchart illustrates the selective rendering process for panoramic video. It begins with a 'Begin' terminal, leading to step 602: 'Viewer Reads Initialization File From Storage Medium'. This leads to step 604: 'Viewer Determines Which Portion Of The Scene The User Viewing The Video Wants To See.'. Step 604 then leads to step 606: 'Viewer Uses Identifiers From Initialization File To Selectively Read And Process Only Those Segments That Are Needed To Render Desired View.'. Step 606 leads to decision point 608: 'All Frames In Panoramic Video Processed?'. If the answer is 'Yes', the process ends at the 'End' terminal. If the answer is 'No', the process loops back to step 604.

**FIG. 6**